

Claims

What is claimed is:

- [c1] A method of testing an embedded example, comprising:
 - extracting the embedded example from documentation;
 - creating a test suite from the embedded example;
 - selecting a tool against which to execute the test suite;
 - executing the test suite against the tool to generate an output response; and
 - comparing the output response of the tool to a golden file.
- [c2] The method of claim 1, further comprising:
 - creating the embedded example using at least one tag chosen from a tag set.
- [c3] The method of claim 1, further comprising:
 - creating the golden file using at least one tag chosen from a tag set.
- [c4] The method of claim 1, further comprising:
 - locating a source of error if the output response of the tool varies from the golden file.
- [c5] The method of claim 1, further comprising:
 - correcting the embedded example if the output response of the tool varies from the golden file.
- [c6] The method of claim 1, further comprising:
 - sending a comparison result to a display device.
- [c7] The method of claim 1, further comprising:
 - storing a comparison result onto a storage device.

- [c8] The method of claim 1, wherein the test suite is created by interpreting a tag set.
- [c9] The method of claim 1, wherein the tool is a command line tool.
- [c10] The method of claim 1, wherein the golden file comprises a proper output response of the tool executing the test suite.
- [c11] The method of claim 10, wherein the golden file is created manually.
- [c12] A method of testing an embedded example, comprising:
extracting the embedded example from documentation;
creating a test suite from the embedded example;
selecting a tool against which to execute the test suite;
executing the test suite against the tool to generate an output response;
comparing the output response of the tool to a golden file;
creating the embedded example using at least one tag chosen from a tag set;
creating the golden file using at least one tag chosen from a tag set;
locating a source of error if the output response of the tool varies from the golden
file;
correcting the embedded example if the output response of the tool varies from the
golden file;
sending a comparison result to a display device; and
storing a comparison result onto a storage device.
- [c13] A method of embedding tags, comprising:
locating an embedded example in documentation; and
delineating the embedded example with a start tag and a closing tag chosen from a
tag set.
- [c14] The method of claim 13, further comprising:
embedding a control statement as part of the embedded example.

- [c15] The method of claim 13, further comprising:
embedding a file location statement as part of the embedded example.
- [c16] A method of embedding tags, comprising:
locating an embedded example in documentation;
delineating the embedded example with a start tag and a closing tag chosen from a
tag set;
embedding a control statement as part of the embedded example; and
embedding a file location statement as part of the embedded example.
- [c17] A method of creating a test suite, comprising:
examining an extracted example;
interpreting a tag located within the extracted example; and
aggregating constituent parts using the interpretation of the tag.
- [c18] The method of claim 17, wherein the extracted example is an embedded example
copied from documentation.
- [c19] The method of claim 17, wherein the tag is interpreted using a defined tag set.
- [c20] The method of claim 17, wherein the constituent parts are derived from the
extracted example and a source file.
- [c21] A computer system to test an embedded example, comprising:
a processor;
a memory;
a storage device;
a computer display; and
software instructions stored in the memory for enabling the computer system
under control of the processor, to perform:
extracting the embedded example from documentation;

creating a test suite from the embedded example;
selecting a tool against which to execute the test suite;
executing the test suite against the tool to generate an output response; and
comparing the output response of the tool to a golden file.

- [c22] The computer system of claim 21, further comprising:
software instructions for creating the embedded example using at least one tag
chosen from a tag set.
- [c23] The computer system of claim 21, further comprising:
software instructions for creating the golden file using at least one tag chosen from
a tag set.
- [c24] The computer system of claim 21, further comprising:
software instructions for locating a source of error if the output response of the
tool varies from the golden file.
- [c25] The computer system of claim 21, further comprising:
software instructions for correcting the embedded example if the output response
of the tool varies from the golden file.
- [c26] The computer system of claim 21, further comprising:
software instructions for sending a comparison result to a display device.
- [c27] The computer system of claim 21, further comprising:
software instructions for storing a comparison result onto a storage device.
- [c28] The computer system of claim 21, wherein the golden file comprises a proper
output response of the tool executing the test suite.
- [c29] The computer system of claim 21, wherein the golden file is created manually.

[c30] A computer system to test an embedded example, comprising:

- a processor;
- a memory;
- a storage device;
- a computer display; and

software instructions stored in the memory for enabling the computer system under control of the processor, to perform:

- extracting the embedded example from documentation;
- creating a test suite from the embedded example;
- selecting a tool against which to execute the test suite;
- executing the test suite against the tool to generate an output response;
- comparing the output response of the tool to a golden file;
- creating the embedded example using at least one tag chosen from a tag set;
- creating the golden file using at least one tag chosen from a tag set;
- locating a source of error if the output response of the tool varies from the golden file;
- correcting the embedded example if the output response of the tool varies from the golden file;
- sending a comparison result to a display device; and
- storing a comparison result onto a storage device.

[c31] An apparatus for testing an embedded example, comprising:

- means for extracting the embedded example from documentation;
- means for creating a test suite from the embedded example;
- means for selecting a tool against which to execute the test suite;
- means for executing the test suite against the tool to generate an output response;
- and
- means for comparing the output response of the tool to a golden file.